## INTERNATIONAL SEARCH REPORT

International application No.

PCT/US04/06292

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A. CLASSIFICATION OF SUBJECT MATTER  IPC(7) : G06F 13/12; G06K 9/36, 9/46  US CL : 710/1, 68; 382/236, 238, 239				
According to International Patent Classification (IPC) or to both national classification and IPC				
B. FIELDS SRARCHED				
Minimum documentation searched (classification system followed by classification symbols) U.S.: 710/1, 68; 382/236, 238, 239				
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched				
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) IEBE Explore				
C. DOCUMENTS CONSIDERED TO BE RELEVANT				
Category *	Citation of document, with indication, where ap	propriate.	of the relevant passages	Relevant to claim No.
X	US 6,363,117 B1 (KOK) 26 March 2002, column 1, lines 47-67; column 2, lines 1-30; column 3, lines 40-61; column 4, lines 30-44; column 6, lines 35-50			1, 2, 13 and 14
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Y		-		3 and 15
Y, E	US 6,757,330 B1 (HSU) 29 June 2004, column 3, lines 44-63; column 4, lines 66-67; column 5, lines 1-65 US 6,563,874 B1 (LU) 13 May 2003, see entire document			3 and 15
A				4-12 and 16-20
A	US 6,269,174 B1 (KOBA et al) 31 July 2001, see entire document			1-20
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Further	documents are listed in the continuation of Box C.		See patent family annex.	
Special categories of cited documents:		"T"		
"A" document defining the general state of the art which is not considered to be of particular relevance				
"B" carlier application or patent published on or after the international filing date		"X"		
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)		"Y"		
"O" document	referring to an oral disclosure, use, exhibition or other means		combined with one or more other such being obvious to a person skilled in th	h documents, such combination
"P" document priority da	P* document published prior to the international filing date but later than the priority date claimed		*&" document member of the same patent family	
Date of the actual completion of the international search		Date of 1	nailing of the international seam	ch report
19 July 2004 (19.07.2004)			AUG 2004/	-
Name and mailing address of the ISA/US Mail Stop PCT, Atm: ISA/US		Authoriz	ed officer	
Commissioner for Patents		Jeffrey A	A. Gaffin	_
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orm PCT/ISA	V210 (second sheet) (July 1998)		,	<del></del>